

FORM PTO-1449 (modified)
To: U.S. Department of Commerce
(PW FORM PAT-1449)
Patent and Trademark Office



Atty.
Dkt. No.

M#

0266891

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Date: August 1, 2003

Page 1 of 4

Applicants: Neogi et al.

Application Serial No. 09/843,167

Filing Date: April 27, 2001

Examiner: S. Barts Group Art Unit: 1621

U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
SB	AR	3,609,183	Sep 1971	DeWald et al.			
	BR	3,683,009	Aug 1972	Middleton			
	CR	3,846,398	Nov 1974	Hirschmann et al.			
	DR	4,092,335	May 1978	Gruszecki et al.			
	ER	4,217,366	Aug 1980	Kikumoto et al.			
	FR	4,271,186	Jun 1981	Forster et al.			
	GR	4,284,637	Aug 1981	Kikumoto et al.			
	HR	4,297,429	Nov 1981	Kanada et al.			
	IR	4,310,534	Jan 1982	Kikumoto et al.			
	JR	4,312,855	Jan 1982	Grand			
	KR	4,326,055	Apr 1982	Loeliger			
	LR	4,716,905	Jan 1988	Schmued			
	MR	4,866,086	Sep 1989	Boyle et al.			
	NR	4,929,635	May 1990	Coquelet et al.			
	OR	4,940,707	Jul 1990	Klaus et al.			
	PR	5,087,637	Feb 1992	Janssen et al.			
	QR	5,162,337	Nov 1992	Elbrecht et al.			
SB	RR	5,171,753	Dec 1992	Munson, Jr. et al.			
SB	SR	5,189,056	Feb 1993	Orlando et al.			

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					Enclosed	No	Enclosed	No
SB	TR 32128	Jun 1981	Europe					
SB	UR							

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

SB	VR	Sohda et al. "Antiulcer Activity of 5-Benzylthiazolidine-2,4-Dione Derivatives" <i>Chem. Pharm. Bull.</i> 31(2) (1983) 560 - 569.						
	WR	Giles et al. "Regiospecific Reduction of 5-Benzylidene-2,4-Thiazolidinediones and 4-Oxo-2-thiazolidinethiones Using Lithium Borohydride in Pyridine and Tetrahydrofuran" <i>Tetrahedron</i> 56 (26) (2000) 4531 - 4537.						
	XR	Myaoka et al. "Preparation of 2,4-Dioxo-1,2,3,4-Tetrahydroquinazoline Derivatives Having Blood Sugar-Lowering and Aldose Reductase-Inhibiting Activity" <i>Japan Kokai Tokkyo Koho</i> (1996).						
SB	YR	Pettit et al. "Isolation, Structure, Synthesis and Antimitotic Properties of Combretastatins B-3 and B-4 from Combretum Caffrum" <i>Journal of Natural Products</i> 51:3 (1988) 517 - 527.						

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U.S. PATENT DOCUMENTS

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SJ	ZR 5,246,936	Sep 1993	Treacy et al.			
	AAR 5,250,562	Oct 1993	Klaus et al.			
	BBR 5,314,693	May 1994	Suga			
	CCR 5,378,705	Jan 1995	Klaus et al.			
	DDR 5,409,953	Apr 1995	Pettit et al.			
	EER 5,430,062	Jul 1995	Cushman et al.			
	FFR 5,494,932	Feb 1996	Cardin et al.			
	GGR 5,521,160	May 1996	Chucholowski et al.			
	HHR 5,525,632	Jun 1996	Obsumi et al.			
	IIR 5,532,129	Jul 1996	Heller			
	JJR 5,559,151	Sep 1996	Adorante et al.			
	KKR 5,565,191	Oct 1996	Raspanti			
	LLR 5,565,322	Oct 1996	Heller			
	MMR 5,569,786	Oct 1996	Pettit et al.			
SJ	NNR 5,583,128	Dec 1996	Bhatnagar			

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	Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available	
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	OOR							

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

SJ	PPR	Green, Richard H. "Syntheses of Differanisole A" <i>Tetrahedron Letters</i> 38:26 (1997) 4697-4700.						
	QQR	Reddy et al. "From Styrenes to Enanitopure α -Arylglycines in Two Steps" <i>J. Am. Chem. Soc.</i> 120 (1998) 1207-1217.						
	RRR	Momose et al. "Studies on Antidiabetic Agents. X. ¹⁾ Synthesis and Biological Activities of Pioglitazone and Related Compounds" <i>Chem. Pharm. Bull.</i> 39(6) (1991) 1440 – 1445.						
	SSR	Cantello et al. "[[(ω -(Heterocyclamino)alkoxy]benzyl]-2,4-thiazolidinediones as Potent Antihyperglycemic Agents" <i>J. Med. Chem.</i> 37 (1994) 3977 – 3985.						
	TTR	Sohda et al. "Studies on Antidiabetic Agents. XII. ¹⁾ Synthesis and Activity of the Metabolites of (+)-5-[p-[2-(5-Ethyl-2-pyridyl)ethoxy]benzyl]-2,4-thiazolidinedione (Pioglitazone)" <i>Chem. Pharm. Bull.</i> 43(12) (1995) 2168 – 2172.						
	UUR	Willson et al. "The Structure-Activity Relationship between Peroxisome Proliferator-Activated Receptor γ Agonism and the Antihyperglycemic Activity of Thiazolidinediones" <i>J. Med. Chem.</i> 39 (1996) 665 – 668.						
SJ	VVR	Tanis et al. "Synthesis and Biological Activity of Metabolites of the Antidiabetic; Antihyperglycemic Agent Pioglitazone" <i>J. Med. Chem.</i> 39 (1996) 5053 – 5063.						

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Examiner: S. Barts		Group Art Unit: 1621

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SJ	WWR 5,589,506	Dec 1996	Hashimoto et al.			
	XXR 5,672,625	Sep 1997	Cardin et al.			
	YYR 5,674,906	Oct 1997	Hatanaka et al.			
	ZZR 5,705,530	Jan 1998	Adorante et al.			
	AAAR 5,716,928	Feb 1998	Benet et al.			
	BBBR 5,731,353	Mar 1998	Ohsumi et al.			
	CCCR 5,733,909	Mar 1998	Black et al.			
	DDDR 5,767,268	Jun 1998	Chucholowski et al.			
	EEER 5,770,620	Jun 1998	Mjalli et al.			
	FFFR 5,827,898	Oct 1998	Khandwala et al.			
	GGGR 5,972,973	Oct 1999	Whitcomb			
	HHHR 5,985,884	Nov 1999	Lohray et al.			
	IIIR 5,990,139	Nov 1999	Yano et al.			
	JJJR 6,008,237	Dec 1999	Sahoo et al.			
	KKKR 6,011,031	Jan 2000	Lohray et al.			
	LLLR 6,011,036	Jan 2000	Lohray et al.			
	MMMR 6,030,973	Feb 2000	Lohray et al.			
	NNNR 6,034,110	Mar 2000	Nagpal et al.			
	OOOR 6,046,202	Apr 2000	Antonucci et al.			
	PPPR 6,046,222	Apr 2000	Antonucci et al.			
	QQQR 6,080,765	Jun 2000	Ikeda et al.			
	RRRR 6,103,742	Aug 2000	Ikeda et al.			
	SSSR 6,107,323	Aug 2000	Tamura et al.			
	TTTR 6,110,948	Aug 2000	Momose et al.			
SJ	UUUR 6,110,951	Aug 2000	Pershadsingh et al.			

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	VWR				Enclosed	No

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SJ	WWWR	Shinkai et al. "Isoxazolidine-3,5-dione and Noncyclic 1,3-Dicarbonyl Compounds as Hypoglycemic Agents" <i>J. Med. Chem.</i> 41 (1998) 1927 – 1933.
SJ	XXXR	Lohray et al. "Novel Euglycemic and Hypolipidemic Agents" <i>J. Med. Chem.</i> 41 (1998) 1619 – 1630.

Examiner *SJ* Date Considered: *12/15/03*

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U.S. PATENT DOCUMENTS					Class	Sub Class	Filing Date (if appropriate)
S/S	Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)			
	YYYR	6,114,526	Sep 2000	Lohray et al.			
	ZZZR	6,117,893	Sep 2000	Fujita et al.			
	AAAAR	6,121,294	Sep 2000	Ikeda et al.			
	BBBBR	6,121,295	Sep 2000	Ikeda et al.			
	CCCCR	6,130,216	Oct 2000	Antonucci et al.			
	DDDDR	6,133,293	Oct 2000	Ikeda et al.			
	EEEEE	6,133,295	Oct 2000	Ikeda et al.			
S/B	FFFFR	6,331,633	Dec 2001	Neogi et al.			
	GGGGR						
	HHHHR						
	IIIR						
	JJJJR						
	KKKKR						
	LLLLR						

FOREIGN PATENT DOCUMENTS						English Abstract	Translation Readily Available			
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	MMMMR									
	NNNNR									
	OOOOR									

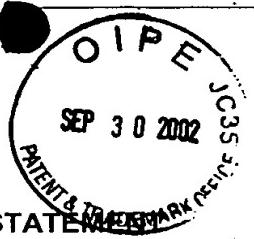
OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

S/B	PPPPR	Reddy et al. "Novel Antidiabetic and Hypolipidemic Agents. 5. Hydroxyl versus Benzyloxy Containing Chroman Derivatives" J. Med. Chem. 42 (1999) 3265 – 3278.				
	QQQQR					
	RRRRR					
	SSSSR					
	TTTTR					
	UUUUR					
	VVVVR					
	WWWWR					
	XXXR					
	YYYYR					
	ZZZZR					
	AAAAR					

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Date: September 30, 2002

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Applicant: Neogi et al.

Application Serial No. 09/843,167

Filing Date: April 27, 2001

Examiner: Samuel Barts Group Art Unit: 1621

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PR								
QR								
RR								
SR								
TR								
UR								
VR								
WR								
XR								

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	YR	Hulin et al. "Novel Thiazolidine-2,4-diones as Potent Euglycemic Agents" J. Med. Chem. 35 (1992) 1853-1864.						
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AAR								
BBR								
CCR								
DDR								

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